

Manhole Inspection Summary

Manhole # S31G__022MH

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Inspection ☐ Is Incomplete Rating: **2) Good**

Record Plat: **31G** Node: **022** Status: **Found**

Insp Date: **2/18/09 10:23 AM**

Incomplete Comments

Crew: **BENHARRIS**
Inspector: **paulfry**
Firm: **ATS**

Location Address: **509 W FAYETTE ST**

Cross Street: **N GREENE ST**

Manhole Type: **Inline** Location: **Roadway** Ground Conditions: **Wet**

☐ Prev. Rehab Weather: **Snow** Subject To Ponding: **Sheeting**

Comments **ARRIVED TO FIND 24" CRACKED AND STUCK COVER. USED 16LB MAUL TO BREAK OPEN. INSPECTION COMPLETE. REPLACED LID BY REI/DRAYCO.**

Cover Shape: **Circular** Diameter: **24** (in.) Length: **0** (in.) Dist A/B Grade: **0** (in.)

Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☐ Exists Material: ☐ Parged Height: **0** (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☒ **Loose Brick** ☒ **Deteriorated**

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel Material: **Brick** ☐ Parged

Shape: **Circular** Diameter: **42** (in.) Length: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench ☒ Exists Material: **Brick** ☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☒ **Debris**

Channel Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth: **0**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps Count: **8** Missing: **0** ☒ **Corroded**

Surcharge ☐ Evidence Of Surcharge Depth: **0** (ft.) ☐ Active Surcharge Present

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Location View



GREENE ST AND W FAYETTE ST
LOOKING AT SW CORNER

Top View



SHEETING



EVIDENCE OF INFILTRATION DUE TO
SHEETING FROM CROWN OF
ROADWAY

BROKE AND REPLACED PREVIOUS
LID BY REI



LID WAS PREVIOUSLY CRACKED -
REPLACED BY REI

Defect 2



DEBRIS ON BENCH

Defect 1



MISSING BRICKS AND MORTAR
BELOW FRAME - LARGE GAP

Defect 3



Corroded steps

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10 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **14.17** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

15 in. Circular Gravity Sewer
Pipe In @ 3 O'Clock

3 O'Clock Inflow



Pipe Height: **15.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **12.99** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: **0** (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop In @ 3 O'Clock



Drop: **Inside** Rod and Bar
Angled: **Yes** Reading: **13.18** (ft.)
Inv Depth: **14.18** (ft.)
Drop Condition: **Open**

Connects To: **Manhole**

☐ Possible Illicit Connection